



Air Suspension Bearing Co., Ltd



90 mm x 160 mm x 30 mm NTN 1218S self aligning ball bearings

Bearing No. 1218S

1218S Bearing 2D drawings and 3D CAD models

Size	90x160x30 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
r min.	2 mm
da min.	99 mm
Da max.	151 mm
ra max.	2 mm
Weight	2,55 Kg
Basic dynamic load rating (C)	57,5 kN
Basic static load rating (C0)	23,5 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 300 r/min
Calculation factor (e)	0,17
Calculation factor (Y0)	3,9
Calculation factor (Y1)	3,8
rs min	2 mm
e	0.17
Y1	3.8
Y2	5.8
Y0	3.9



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Radial clearance class	CN
Precision class	P0
Mass	2.55 kg
Dynamic load, C	57.5 kN
Static load, C0	23.5 kN
Nlim (oil)	4,300 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	99 mm
Da max	151 mm
ra max	2 mm